

ACC NR: AP6032387

SOURCE CODE: CZ/0055/66/016/007/0590/0601

AUTHOR: Benes, O.

ORG: Popov Research Institute of Radiocommunications, PragueTITLE: The properties of SiO_2 layers produced by the thermal oxidation of siliconSOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 16, no. 7, 1966,
590-601

TOPIC TAGS: silicon, silicon oxide, thermal oxidation, silicon oxide layer, silicon oxide layer imperfection breakdown voltage

ABSTRACT: A brief survey of the experimentally determined properties of SiO_2 layers in earlier research is followed by the description of a procedure for determining the magnitude and number of imperfections in SiO_2 layers on the basis of measurements of the magnitude of the breakdown voltage. The results of the experiment confirmed the reciprocal exponential dependence between the density of imperfections and their sizes. The assumption as to a simple relation between the mass and size of dust particles was found to be unjustified. The proposed procedure for studying the imperfections of an SiO_2 layer results in a good estimate of the size and density of the imperfections, but is very

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laborious and from the electrical aspect, destructive. The accuracy of the measured results was hampered most by the error in determining the thickness of the SiO_2 ; it is proposed that a more exact method should be used for this purpose. The authors thank S. Koc, Candidate of Science, and A. Cerny, Engineer, for valuable remarks on the manuscript, P. Hejsek, Engineer, for computing the coefficients of the approximate polynomial, and E. Vocilkova for assistance in carrying out the experiments. Orig. art. has: 6 figures, 5 tables, and 13 formulas.

SUB CODE: 11/ SUBM DATE: 27 Aug 65/ ORIG REP: 001/ Sov REP: 002/
OTH REF: 029

Card 2/2

USSR / Pharmacology, Toxicology, Vitamins.

V

Abs Jour: Ref Zhur-Biol., No 18, 1958, 85194.

Author : Beneson, Ye. V.

Inst : Not given

Title : Evaluation of the Effectiveness of Methods of Treating Alveolar Pyorrhea (Amphodontosis).

Orig Pub: Stomatologiya, 1957, No 6, 21-23.

Abstract: Treatment of 41 patients with amphodontosis with PASA in 2 gm doses 3 times daily for 3 weeks, by oral administration, produced a temporary improvement in certain patients. Better results were seen with the use of a 5% solution of vitamin B₁ (a course of 10 to 20 injections of one ml each in conjunction with one ml of a 2% solution of novocaine into the retrotarsal fold of the oral cavity, every day in each group of teeth) and an extract

Card 1/2

BENESOVA, B.

Determination of atropine, tropine and tropic acid in decomposed
atropine solutions. Cesk. farm. 11 no. 4:199-205 '62.

1. Statni ustav pro kontrolu leciv, Praha.
(ATROPIE chem)

BENESOVA, B.

Determination of the stability and evaluation of the decomposition of some tropane alkaloids. Cesk. farm. 13 no. 5:234-240
Je'64

1. Statni ustav pro kontrolu leciv, Praha.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

BENESOVA, D.

SOCHOR, J.; BENESOVA, D.

New possibilities in tomographic diagnosis. Cas.lek.cesk. 89 no.22:
635-642 2 June 50. (CLML 19:4)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

BENESOVA, Dagmar, Dr; BOBEK, Karel, doc dr

Carcinoma of the islands of Langerhans with metastases to the liver causing hyperinsulinism. Cas.lek.cesk. 91 ne.45-46 14 Nov 52.

1. Z interni kliniky v Plzni (prednesta doc. dr. K.Bobek) a z ustavu pro patologickou anatomi a histologie v Plzni (driv. prednesta dr. D.Benesova).

(HYPOGLYCEMIA, etiology and pathogenesis,
cancer of islands of Langerhans with metastases to liver)

(LIVER, neoplasms,
metastatic from islands of Langerhans, causing hypoglycemia)

(ISLANDS OF LANGERHANS, neoplasms,
causing hypoglycemia, with metastases to liver)

BENESOVA

SMETANA, J., Prim., MUDr; BENESOVA, MUDr

Dieulafoy's disease. Sborn. pathofysiol. trav. vyz. 8 no.2:
83-86 My '54.

1. Ustav pro experimentalni a klinickou chirurgii, Praha-Krč,
reditel Doc. MUDr B.Spacek. Pathologické oddělení obvodní
nemocnice ONV Praha 14, prvnostá MUDr D.Benesova.

(STOMACH, diseases,
*ulceratio simplex)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

SPACEK, Bohumil, Doc. Dr.; WEBER, Element, Prof. Dr.; HENESOVA,
Dagmar, Doc. Dr.

Experimental study on revascularization of ischemic myocardium.
Ces. lek. cesk. 93 no.51-52:1393-1397 24 Dec 54.

(MYOCARDIUM, diseases
ischemia, revascularization)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

BENESOVA, D.; SIKL, H. (Praha XII, Albertov 2039)

Unusual concordant malformation of the heart in monochorionic twins; truncus arteriosus communis persistens. Lek. listy 9 no.13:289-291 J1 '54.

l. I. pathologicko-anatomicky ustav lek. fak. K.U. v Praze,
prednosta prof. Dr H. Sikl, a pathologicko-anatomicke oddeleni
obvodni nemocnice v Krali, primar MUDr Dagmar Benesova.

(CARDIOVASCULAR DEFECTS, CONGENITAL,

*persistence of truncus arteriosus communis in twins)

(TWINS, diseases,

*persistence of truncus arteriosus communis)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

BENEŠOVÁ D. AND ŠIKI H.

First Dept. of morbid Anat., Charles Univ.; path. Centre of County of Prague, Krč.
*A rare concordant malformation in monochoriate twins: persistent common arterial
trunk J. PATH. BACT. 1954, 67/2 (367-370) Illus. 1

An extremely rare case of concordant malformation of the heart (persistent incomplete
common arterial trunk) in a pair of twins believed to be homologous which died after
2 days and 5 hours respectively is reported in detail. This is the second case of
concordant congenital malformation of the heart observed in twins.

Hambach - Jihlava

SO: Excerpta Medica; Section V Vol. 7 No. 12.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

BROD, Jan, Doc., Dr.; BENESOVA, Dagmar, Doc., Dr.

Comparison of kidney function and morphological picture in
glomerulonephritis. Vnitr. lek., Brno 1 no.6:401-420 June 55.

1. Z Ustavu pro choroby obehu krevniho v Praze-Krci, reditel
prof. Dr. Kl. Weber a proslektury Thomayerovy nem, v Praze-
Krci, primar Doc. Dr. Dagmar Benesova.

(GLOMERULONEPHRITIS, physiology

kidney funct. relation to morphol. picture.)

(KIDNEY FUNCTION TEST, in various diseases

glomerulonephritis, relation to morphol. picture.)

BROD, Jan, Doc., Dr.; BENESOVA, Dagmar, doc., Dr.

Comparison of kidney function and morphological picture in
glomerulonephritis. Vnitr. lek., Brno 1 nc.7:507-517 July 55.

1. Z Ustavu pro choroby obehu krevniho v Praze-Krci reditel
prof. Dr. Kl. Weber a prospektury Thomayerovy nem. v Praze-
Krci, primar Doc. Dr. Dagmar Benesova. Doc. Dr. I. B., Ustav
pro choroby obehu krevniho, Praha-Krc.

(GLOMERULONEPHRITIS, physiology
kidney funct., comparison with morphol. picture.)
(KIDNEY FUNCTION TEST, in various diseases
glomerulonephritis, comparison with morphol. picture.)

HENESOVA, Dagmar, Dr.

Congenital abnormal coarctation of pulmonary veins. Cas. lek.
cesk. 94 no.5:107-113 28 Jan 55.

(VEINS, PULMONARY, abnormalities
coarctation)

BENESOVA, Dr.

Professor Sikl and the Czechoslovak gynecology. Cesk.gyn. 20 no.2:
141-142 Mar 55.

(OBSTETRICS,
in Czech., contribution of H.Sikl)
(BIOGRAPHIES,
Sikl, H.)

BENESOVA, D.

Death of professor Mikl. Cesk. pediat. 10 no.2:148-150 Mar 55.

(BIOGRAPHIES

Mikl, H.)

(PEDIATRICS

contribution of Mikl H.)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

HOUSTEK, J., prof. dr.; HEMEROVA, D., dr.; STOLOVA, O., dr.; WELNEROVÁ, M.

Child mortality at the age of one to three in the Prague district
in 1953. Česk.pediat. 11 no.2-3:106-109 Mar 56.

(VITAL STATISTICS
child mortal in Czech., Prague district)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

BENESOVÁ, D.

MELICHAR, V.; BENESOVÁ, D.

Nonprotein nitrogen in dead premature infants. Cas. lek. cesk. 96 no.24-25:777-781 21 June 57.

1. Ustav pro peči o matkách a dítě v Praze-Podoli, reditel prof. dr. Jiri Trapl, vedoucí pediatrického výzkumu prof. dr. Kamil Kubat Katedra dětské patologie fakulty dětského lékařství KU v Praze, prednosta doc. dr. Dagmar Benesová. V.M., Praha-Podoli, Nábr. K. Marxe 157.

(INFANT, PREMATURE, metab.

nonprotein nitrogen in dead inf. (Cs))

(NITROGEN, metab.

nonprotein nitrogen in dead premature inf. (Cs))

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

BENESOVÁ, D.
BENESOVÁ, D.; BRACHFIELDOVÁ, J.

Umbilical sepsis. Cesk. pediat. 12 no.12:1070-1074 5 Dec 57.

1. Katedra patologické anatomie a mikrobiologie fakulty děc. lek.
prednosta doc. D. Benesová II dětská klinika, prednosta prof. J. Houšek.
(UMBILICUS, dis.
sepsis in inf. (Cz))
(INFECTION, in inf. & child
umbilical sepsis (Cz))

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

PRAT, V.; BENESOVA, D.; PAVKOVA, I.; CERVINKA, F.

Induction of cirrhotic pyelonephritic kidney in rabbits. Cesk. fysiol.
7 no. 4:328-329 July 58.

1. Ustav pro choroby obehu krevniho, Katedra patol. anatomie a mikro-
biologie fakulty detskeho lekarstvi MU, Ustav pro klinickou a experimen-
talni chirurgii v Praze.

(PYELONEPHRITIS, exper.
induction in rabbits (Cs))

BENESOVÁ, D.

VOJTA, M.; BENESOVÁ, D.; CECH, J.; POGPISIL, J.

A plea for a more profound diagnosis of causes of stillbirth. Cas.
Gyn. 23[37] no.4:247-258 June 58.

1. Ustav pro nejč o matku a dite, reditel prof. Dr J. Trapl, nositel
Rádu republiky Katedra patol. anatomie, ped. lek. fak. KU, vedoucí doc.
Dr. D. Benesová, M. V., UPJŠ, Praha-Podolí.

(STILLBIRTH,
diag. of causes of death (Cz))

PRAT, Vladimir; PAVKOVA, Libuse; HEMESOVA, Dagmar; CERVINKA, Frantisek

Experimental pyelonephritis. I. The importance of narrowing of the ureter in the excretion of *E. coli* in the urine of rabbits. Cas. lek. cesk. 97 no.47:1465-1472 21 Nov 58.

1. Ustav pro choroby obehu krevnino v Praze, prednosta prof. Dr. Kl. Weber, Katedra patologicke a mikrobiologie fakulty datakeho lekarstvi Karlovy university v Praze, prednosta doc. dr. D. Benesova. Ustav pro klinickou a experimentalni chirurgii v Praze, prednosta doc. dr. B. Spacek. VI. P., Budovicka 800, Praha-Krc.

(PYELONEPHRITIS, exper.

importance of narrowing of ureter in excretion of *E. coli* in the urine of rabbits (Cx))

(ESCHERICHIA COLI, infect.

exper. pyelonephritis, importance of narrowing of ureter in excretion of bact. in urine of rabbits (Cx))

HOUSTEK, J.; BENESOVA, D. HOLY, J., Technicka spoluprace: M. Luksova, B. Polivkova

Sudden death among children of the Praha district during 1956-58.
Cesk. pediat. 14 no.7:590-606 July 59

I. II detska klinika a Ustav vyzkumu vyvoje dítěte, vedoucí prof.
dr. Josef Houstek, katedra patologické anatomie a mikrobiologie FDL,
vedoucí doc. dr. Dagmar Benesova.

(DEATH, SUDDEN, in infancy and childhood)

PRAT, Vladimir; BENESOVA, Dagmar; CHERVINKA, Frantisek

Experimental pyelonephritis. II. Appearance of contracted pyelo-nephrotic kidney in rabbits. Cas. lak. cesk. 98 no. 15:461-468
10 Apr 59.

1. Ustav pro choroby obehu krevniho v Praze-Krci, reditel prof.
MUDr K. Weber. Katedra patologicke anatomie a mikrobiologie fakulty
detskeho lekarstvi Karlovy univerzity v Praze, prednosta doc. MUDr.
D. Benesova. Ustav klinické a experimentální chirurgie v Praze,
reditel prof. MUDr. B. Spacek. V. P., Praha-Krc, Budejovicka 800.
(PYELONEPHROSIS, exper.

develop. of contracted pyelonephrotic kidney following
inject. of *E. coli* in rabbits (Cz))

(*ESCHERICHIA COLI*, infect.
contracted pyelonephrotic kidney in rabbits (Cz))

PRAT, Vladimir; BENESOVA, Dagmar; CERVINKA, Frantisek

Experimental pyelonephrosis. III. Development of hematogenous Escherichia coli infection in rabbits with unilateral hydronephrosis. Cas. lek. cesk. 98 no.15:469-473 10 Apr 59.

l. Ustav pro choroby obahu krevniho v Praze, reditel prof. ir. Kl. Weber. Katedra patologické anatomie a mikrobiologie fakulty detskeho lekarstvi KU v Praze, prednosta doc. dr. D. Benesova. Ustav pro klinickou a experimentalni chirurgii v Praze, reditel prof. dr. B. Spacek. V. P., Praha-Krc, Budejovicka 800.

(PYELONEPHRITIS, exper.

development of acute purulent pyelonephrosis after E. coli inject. in rabbits with hydronephrosis (Cz))

(ESCHERICHIA COLI, infect.

acute purulent pyelonephrosis in rabbits with hydronephrosis (Cz))

(HYDRONEPHROSIS, exper.

development after E. coli inject. in rabbits with acute purulent pyelonephrosis (Cz))

BENES(OVA, Dagmar

Congenital total defect of the head: acephalia. Acta univ. carol.
[Med] no. 8:869-880 '60.

1. Katedra patologické anatomie a mikrobiologie fakulty dětského
lékařství University Karlovy, vedoucí doc. MUDr. D. Benesová.

(MONSTERS case reports)

BENESOVA, D.; ZHAMILAČK, K.; MELIČLÍK, V.

Methodology and classification in clinico-pathological studies
of perinatal trauma in newborn infants. Rev. Czech. N. 6 no.1:
21-26 1960

1. Department of Paediatric Pathology, Charles University, Prague.
Director: Dozent D. Benesova. Institute for Care of Mother and Child,
Prague. Director: Prof. J. Trapl. Chief of Paediatric Section K.
Polacek. M.D.

(BIRTH INJURY, statist.)

HOUSTEK, Josef; BENESOVA, Dagmar; SAMANKOVA, Ladislava

Relation of pulmonary anomalies to recurrent respiratory diseases.
Cesk.pediat.15 no.6/7:545-551 J1'60.

1. Katedra patologické anatomie a mikrobiologie, vedoucí doc.dr.
Dagmar Benesová a dětská klinika fakulty dětského lékařství v
Praze, prednosta prof.dr. Josef Houstek.
(LUNG abnorm)
(RESPIRATORY SYSTEM dis)

PRAT, Vladimir; BENESOVA, Dagmar; DEJDAR, Rudolf; CERVINKA, Frantisek
Technicka assistence: CAPKOWA, E.; DVORAKOVA, J.; KRAUSOVA, B.;
LANKISCH, A.

Experimental pyelonephritis. IV. Effect of dynamic disorders of
the ureter on renal excretion of E. coli in rabbits. Cas.lek.cesk.
99 no.44:1383-1389 28 0 '60.

1. Ustav pro choroby obehu krevniho v Praze-Krci, reditel akademik
Klement Weber. - Katedra patologicke anatomie a mikrobiologie
fakulty detskeho lekarstvi Karlovy university v Praze, prednosta
doc. MUDr. Dagmar Benesova. - Ustav pro klinickou a experimentalni
chirurgii v Praze-Krci, reditel prof. MUDr. Bohumil Spacek.
(ESCHERICHIA COLI INFECTIONS exper)
(PYELONEPHRITIS exper)

PRAT, V.; BROD, J.; BENESOVA, D.; DEJDAK, R.; FROLK, V.; HOMAK, O.;
CERVINKA, F.; KRATOCHVILCOVA, J.; PAVKOVA, L.

Research on chronic pyelonephritis during the first ten years of the
Institute for Cardiovascular Research. Rev. czech. M. & no.2:
113-123 '62.

1. Institute for Cardiovascular Research, Prague; Director: Academician
K. Weber, Department of Morbid Anatomy and Microbiology, Faculty of
Paediatrics, Charles University, Prague; Head: Doc. Dr. D. Benesova,
Institute of Clinical and Experimental Surgery, Prague; Director:
Prof. Dr. B. Spacek.

(PYELONEPHRITIS statistics)

PRAT, V.; BEVESOVA, D.; BARTONICEK, M.

Long-term study of blood pressure in rabbits with unilateral chronic pyelonephritis or unilateral hydronephrosis. Physiol. Bohemoslov. 11 no.1:14-23 '62.

1. Institute for Cardiovascular Research, Department of Pathological Anatomy and Microbiology, Faculty of Paediatrics, Charles University, Prague.

(PYELONEPHRITIS exper) (HYDRONEPHROSIS exper)
(BLOOD PRESSURE physiol)

BENESOVA, Dagmar; HOUSTEK, Josef

The incidence of respiratory diseases in the death rate of infants
in middle Bohemian regions. Cesk. pediat. 17 no.5/6:416-422 Je '62.

1. Katedra patologicke anatomie a mikrobiologie fakulty detskeho
lekarstvi University Karlovy v Praze, vedouci doc. MUDr. D. Benesova
Katedra fakultni pediatrie a Ustav vyzkumu vyvoje dite fakulty
detskeho lekarstvi University Karlovy v Praze, vedouci prof. MUDr.
J. Houstek.

(RESPIRATORY SYSTEM dis) (INFANT MORTALITY)

BENESOVA, Dagmar

The frequency of malformations in the postmortem material in the
Prague County during the period of 1952-1960. Cesk. pediat. 17 no.5/6:
452-457 Je '62.

1. Katedra patologicke anatomie a mikrobiologie fakulty detskeho
lekarstvi University Karlovy v Praze, vedouci doc. MUDr. D. Benesova.

(ABNORMALITIES statist)

KUCERA, Jiri; BENESOVA, Dagmar

Disorders of the intrauterine human development caused by attempted abortion. Cesk. pediat. 17 no. 5/6:483-489 Je '62.

1. Ustav pro peci o matku a dite v Praze, reditel doc. MUDr. M. Vojta, prednosta pediatrickeho usluhu MUDr. K. Polacek Katedra patologicke anatomie a mikrobiologie fakulty detskeho lekarstvi University Karlovy v Praze, vedouci doc. MUDr. D. Benesova.

(ABNORMALITIES etiol)
(ABORTION CRIMINAL compl)

BENESOVA, Dagmar; VIZNEROVA, Anna

Contribution to congenital disorders caused by amniotic adhesions.
Cesk. pediat. 17 no.5/6:49C-501 Je '62.

1. Katedra patologické anatomie a mikrobiologie fakulty dětského
lékařství University Karlovy v Praze, vedoucí doc. MUDr. D. Benesova.

(ABNORMALITIES etiol) (AMNION)
(ADHESIONS in pregn)

HOUSTEK, Josef; BENESOVA, D.; KOTTOVA, V.

Tubular disorders in children. Česk. pediat. 17 no.7/8:726-732 Ag '62.

1. II. detska klinika fakulty detskeho lekarstvi KU v Praze, prednosta
prof. dr. J. Houštek Ustav patologicke anatomie fakulty detskeho
lekarstvi KU v Praze, prednosta doc. dr. D. Benesova.
(KIDNEY DISEASES)

PRAT, Vladimir; BENESOVA, Dagmar; CERVINKA, Frantisek; Technicka spoluprace
CAPKOVA, E.; DVURAKOVA, J.

Experimental pyelonephritis. VI. Relation between temporary ischemia
of the kidney and hematogenous colibacillus infection in rabbits. Cas.
Lek. Cesk. 101 no.12:361-366 23 Mr '62.

1. Ustav pro choroby obetbu krevniho v Praze, reditel akademik K. Weber.
Katedra patologicke anatomie a mikrobiologie fakulty detskeho lekarstvi
KU v Praze, prednosta doc. dr. D. Benesova. Ustav pro klinickou a
experimentalni chirurgii v Praze, reditel prof. dr. B. Spacek.

(PYELONEPHRITIS exper) (KIDNEY blood supply)
(ESCHERICHIA COLI INFECTIONS exper)

PRAT, V.; HATALA, M.; BENESOVA, D.

The influence of experimental hypertension on the resistance
of kidneys to haematogenous E. coli infection in the rabbit.
Cor vasa 5 no.3:211-219 '63.

I. Institute for Cardiovascular Research, Institute for
Clinical and Experimental Surgery, Prague, and the Depart-
ment of Pathology, Paediatric Faculty, Caroline University,
Prague.

(PYELITIS) (PYELONEPHRITIS)
(ESCHERICHIA COLI INFECTIONS)
(HYPERTENSION, RENAL)

CZECHOSLOVAKIA

M. HATALA, V. PRAT and D. BENESOVA, Institute of Clinical and Experimental Surgery (Ustav klinicke a eksperimentalni chirurgie) Institute for Cardiovascular Diseases (Ustav pro choroby obehu krevniho) Chair of Pathological Anatomy and Microbiology of Faculty of Pediatrics Charles University (Katedra patologicke anatomie a mikrobiologie fakulty detskeho lekarstvi KU [Karlove University],) Prague.

"Colibacillary Bacteremia in Rabbits with Intact Kidneys and After Unilateral Nephrectomy."

Prague, Geskoslovenska Fysiologie, Vol 12, No 2, 1963; p 151.

Abstract: Unilateral nephrectomy did not essentially change the susceptibility of rabbits to hematogenous pyelonephritis-pyelitis induced by i.v. inoculation of 1 to $2 \cdot 10^9$ or 6 to 10^9 of E. coli O₂₆B₆. Graph.

1/1

PRAT, V.; BENESOVA, D.

Urolithiasis in rabbits with ureteral obstruction. Physiol.
bohemoslov. 12 no.3:263-268 '63.

1. Institute for Cardiovascular Research, Prague and the
Department of Pathology, Paediatric Medical Faculty, Charles
University, Prague.

(URINARY CALCULI) (URETERAL OBSTRUCTION)
(ESCHERICHIA COLI INFECTIONS) (CHEMISTRY)
(UROGRAPHY)

BENESOVA, D.; KRAL, J.; PETER, R.; SISTEK, J.; VESELY, K.

Cooperation between the clinician and pathologist in analyzing causes of fetal death. Cesk.gynek. 28 no.8:542-544 O '63.

1. Ustav patol. anat. fakulty detskeho lekarstvi KU v Praze (prednosta doc. dr. D. Benesova) a III. gyn.-por. klin. fak. detskeho lekarstvi UK v Praze (prednosta prof. dr. R. Peter, DrSc).

*

HATALA, M.; PRAT, V.; BENESOVA, D.; Technicka asistence: CAPKOVA, Z.;
DIVIS, Z.; VIDMAROVA, H.; DVORAKOVA, J.; HUBKOVA, M.

Coli bacillus bacteremia in rabbits with normal kidneys. Cas.
lek. cesk. 102 no.27:763-772 8 Jl '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, prednosta
prof. dr. B. Spacek Ustav pro choroby obehu krevniho v Praze,
prednosta doc. dr. J. Brod. Katedra patologicke anatomie a
mikrobiologie fakulty detskeho lekarstvi KU v Praze, prednosta
prof. dr. V. Kubelka.

(ESCHERICHIA COLI INFECTIONS) (SEPTICEMIA)
(PYELONEPHRITIS) (URINARY TRACT INFECTIONS)
(KIDNEY)

PRAT, B.; BENESHOVA, D. [Benesova, D.]; DEYDAR, R. [Deidar, R.]; GATALA, M.

Experimental pyelonephritis. Urologiia 28 no. 5:11-15 S-0'63
(MIRA 17:4)

1. Iz Instituta bolezney krovooobrashcheniya (dir. - dotsent
Ia. Brod) v Prague, kafedry patologicheskoy anatomii i mikro-
biologii fakul'teta detskoy meditsiny (zav. - dotsent D.
Beneshova) Karlova universiteta v Prague i Instituta kliniches-
koy i eksperimental'noy khirurgii (dir. - prof. V. Shpachek)
(~~Shpachek~~, V.) v Prague.

PRAT, V.; HATALA, M.; BENESOVA, D.; Technicka asistence: DIVIS, T.; DVORAKOVA, J.; VAGNEROVA, E.; VIDMAROVA, H.

Experimental contribution to the problem of "nephropathogenicity" of some strains of *E. coli*. Cas. lek. cesk. 103 no.40:1097-1102 20 '64.

1. Ustav pro choroby obehu krevniho v Praze (reditel prof. dr. J. Brod, DrSc.); Ustav klinicke a experimentalni chirurgie v Praze (reditel prof. dr. B. Spacek, DrSc.) a Katedra patologicke anatomie a mikrobiologie fakulty detskeho lekarstvi Karlovy University v Praze (vedouci prof. dr. V. Kubelka).

PMK, V.; KARINA, R.; SHIBAEVA, I. Technologiya perekrojivaniya;
SHIBAEVA, I.; KARINA, R.; VILIMSKA, N.

Effect of chlortetracycline and oxytetracycline on the course of experimental coli-bacteric-pseudomycosis. Sov. vet. zhurn. 1964 no.42:113-1159 6 16 164.

I. K. Karina, R. R. Shibaeva, I. V. Shibaeva (Institute of Veterinary Medicine, Irkutsk); R. R. Karina (Experimental Veterinary Research Institute) (Institute of Veterinary Medicine, Irkutsk); A. V. Tikhonova (Institute of Veterinary Medicine, Irkutsk); N. V. Vilimskaya (Institute of Veterinary Medicine, Irkutsk).

ZNAMENACEK, K.; BENESOVA, D.; STEMBERA, Z.K.

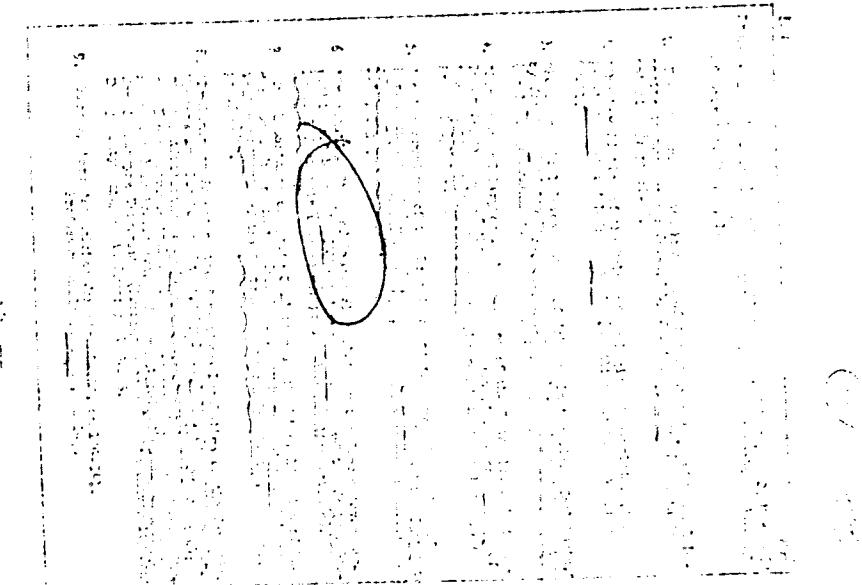
Asphyxia and postnatal mortality in the Czechoslovakian SSR
in 1962. Cesk. pediat. 19 no.9:784-789 S '64.

1. Ustav pro peči o matku a dítě v Praze (ředitel doc. dr.
M. Vojta; vedoucí pediatrického výzkumu doc. dr. K. Poláček,
CSc.) a Katedra patologické anatomie fakulty dětského lékařství
Karlových University v Praze, (prednosta doc. dr. D. Benesová).

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

BENESOUA, E.



APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

Benesova, E.

CZECHOSLOVAKIA/Chemical Technology. Chemical I-19
Products and Their Application--Medicinals.
Vitamins. Antibiotics.

Abs Jour: Rcf Zhur-Khimika, No 3, 1957, 96-3

Author : Solich, J., Rusck, V., and Benesova, E.
Inst : Not given

Title : The Preparation of Some Galenic Compounds by the
Method of Turbulent ^{/sic/} Extraction. III.
Preparation of Infusions and Decoctions.

Orig Pub: Ceskosl. farmac., 1955, Vol 4, No 10, 512-514
(in Czech with summaries in German, English, and
Russian.)

Abstract: Turbulent extraction was used in the preparation
of extracts from coltsfoot leaves, ipecac roots,
flowers of camomile, senna leaves, and valerian
roots. The extracts were prepared in 5 min and
satisfies all the requirements of the pharma-
copoeia. The advantages of turbulent extraction

Card 1/2

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

HENESOVA, Eva (Prague)

On mathematical linguistics. Pokroky mat fyz astr 9 no.6:
335-343 '64.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

SOLC,I.; BENESOVA,H.

Optical analogy of lauegrams. Chekhosl fiz zhurnal 13 no.12:
910-916 '63.

1. Vyzkumny ustav monokrystalu, Turnov.

HASEK, Milan; HRABA, Tomas; BENESCOVA, Helena; HLAVACKOVA, Helena

Immunologic considerations on embryonic parabiosis of duck and chick. Cesk. biol. 4 no.3:135-137 Mar 55.

1. Biologicky ustav CSAV, experimentalni biologie a genetika, Praha.

(PARABIOSIS,

immunol. aspects of embryonic parabionts of duck & chick)

(EMBRYO,

immunol. aspects of duck & chick parabionts)

(HEMAGGLUTINATION,

immunol. aspects of duck & chick embryonic parabionts)

HALACKA, K.; NEZVAL, J.; tech. spol. BENESOVA, J.

On the possibility of the use of Septonex for decontamination in
the food industry. Cesk. hyg. 7 no.5:305-312 Je '62.

1. Katedra hygieny a epidemiologie lekarske fakulty University J. E.
Purkyne, Brno.

(ANTISEPTICS QUATERNARY AMMONIUM therapy)
(FOOD PROCESSING INDUSTRY)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

STIERS, Bohumil, inz. "Sc.; BENESOVA, Luisa, inz.

Results of dairy research in 1963. Prum potravin 15 no.5:245-248
My '64.

1. Institute of Dairy Research, Prague.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

BENESOVA, Marie

Vrozene vymknutí kycli. (Congenital Dislocation of Hip Joints. 1st ed. illus.)
Prague, Ustr. ustatv zdravot. osvety, 1957. 14 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 33. 24 Sept 57. p. 718.

KEMRSHOVA, M. [KEMEŠOVÁ, M.]

Conservative treatment of congenital dislocations of the hip joint
in children with the use of Hanausek's apparatus. Ortop. travm. i
protez. 19 no.3:33-36 '58 (MIRA 11:?)

1. Iz 1-y kliniki ortopepii i detskoj khirurgii (nach. - prof. Ya.
Zagradnickij) Karlova universiteta, Praga.

(HIP, disloc.
congen., in child., ther. with Hanausek's appar. (Rus))

BENES OVA, M.

Conservative therapy of congenital dislocation of the hip in the
I. Ortopedicka klinika in Prague. Acta chir. orthop. traum. czech.
27 no.1:76-78 F '60

1. Klinika pro ortopedickou a detakor. chirurgii v Praze, prednosta
prof. dr. J. Zahradnicek.
A (HIP fract. & disloc.)

JAROS, M.; BENESOVA, M.

Hip dislocation in spastic paralysis. Acta chir. orthop. traum.
cech. 32 no.1:24-27 F'65.

1. I. klinika pro ortopedickou chirurgii fakulty všeobecného
lékařství Karlovy University v Praze (prednosta: prof. dr.
M. Jaros).

BENESOVA, M.; CECH, O.; DRDKOVA, B.

Principles of the treatment of congenital hip dislocation
using Hanausek's device. Acta chir. orthop. traum. Czech.
32 no.3:239-244 Je '65.

Results of the treatment of congenital hip dislocation with
Hanausek's device in children previously unsuccessfully treated
by other methods. Ibid.:262-269

1. I. klinika pro ortopedii a detskou chirurgii fakulty vše-
obecneho lekarstvi Karlovy University v Praze (prednosta
prof. dr. M. Jaros).

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

BENESOVA, D.

BENESOVA, O.; KRECEK, J.; KRECKOVA, J.; STERZL, J.; VAICENBACHER, V.;
ZIKMUND, E.

Effect of antihistaminic substances on the metabolism of glucides;
study of the mechanism of the effect of antihistaminic substances.
Cas.lek.cesk. 89 no.25:709-711 23 June 50. (CLML 19:4)

1. Of the Institute for Control and Research SPOFA, of the Department
for General Physiology (Head--Prof. F.Karasek, M.D.) of the Physio-
logical Institute of the Medical Faculty at Charles University (Head--
Prof. V.Laufberger, M.D.), and of the Institute for Medical Micro-
biology and Immunology at Charles University (Head--Prof. F.Patocka,
M.D.)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

BENESEVA, O.; ZELENKOVA, A.

Quantitative determination of the activity of thrombokinase. Cesk.
farm. 2 no.9:299-303 Sept 1953. (CIML 25:4)

1. Of the Control Pharmaceutical Institute in Prague.

BENESOVA, Olga; KRISTANOVA, Anna; PETARKOVA, Blasena; SEMECKA, Irena

Biological titration of pituitrin. Cesk. farm. 3 no.6:213-219
Je '54.

1. Z Kontrolniho ustavu farmaceutickeho v Praze.
(PITUITARY GLAND, POSTERIOR, hormones,
*pituitrin, biol. standard, technic)

BENESOVA, O.; SPACKOVA, M.; ZABRODSKA, A.; LEGNROVA, A.

Comparative studies on methods of determination of the effectiveness of heparin with special reference to the selection of the suitable method for the 2nd edition of the Czechoslovak Pharmacopeia. Cesk. farm. 3 no.6:219-221 Je '54.

1. Z Kontrolniho ustavu farmaceutickeho v Praze.
(HEPARIN,
*standard., comparison of technics)

BENESOVA, O.; HORVATH, M.; MIKISKA, A.

Determination of depth and duration of narcosis according to
electrophysiological properties of the cerebral cortex. Cesk.
fysiolog. 5 no.2:168-173 23 June 56.

l. Kontrolni ustav farmaceuticky, Praha, Ustav hygieny prace a chorob
z povolani, odd. fysiologie vyssi nervove cinnosti, Praha.
(ANESTHESIA,

EEG of electrophysiol. properties of cerebral cortex in
determ. of depth & duration of anesth. (Cz))

(ELECTROENCEPHALOGRAPHY,
determ. of depth & duration of anesth. by electrophysiol.
properties of cerebral cortex (Cz))

~~BENESOVÁ, O.; HORVATH, M.; MIKISHA, A.~~

Evaluation of depth and duration of anaesthesia according to
electrophysiological properties of the cerebral cortex.
Physiol. bohem. 5 no.2:188-194 1956.

i. Vortrag am. 3. Ganzstaatlichen Kongress der tschsl.
Physiologen, Pharmakologen und Biochemiker in Prag vom 19.
bis 22. 10. 1954. Pharmazeutisches Kontrollinstitut, Prag
Institut für Arbeitshygiene, Abt. Physiologie der Höheren
Nerventätigkeit, Prag.

(ANESTHESIA,
EEG determ. of depth & duration (Ger))
(ELECTRO ENCEPHALOGRAPHY,
in anesth., determ. of depth and duration (Ger))

BHESOVA, O.

Relation of fatal dose of digitalis leaves to body and heart weights in guinea pigs. Cesk. fysiol. 6 no.4:520-522 Nov 57.

1. Kontrolni ustav farmaceuticky, Praha Statisticke spracovani provedla
Ing. M. Spackova Za technicka spoluprace K. Trinerova a A. Zabrodsko.
(DIGITALIS, effects,

 fatal dose, relation to body & heart weights in guinea
 pigs (Cz))
(HEART,

 weight, relation to fatal dose of digitalis in guinea pigs
 (Cz))

(BODY WEIGHT,
 relation to fatal dose of digitalis in guinea pigs (Cz))

BURLES, J.; BURESOVA, O.; BENESOVA, O.

Electrophysiological studies on the cerebral cortex in survival.
Cesk. fyziol. 7 no.1:16-25 1958.

1. Gysiologicky ustav ČSAV, Praha
(ELECTROENCEPHALOGRAPHY,
in terminal anoxic cond. eff. of hypothermia, review (Cx))
(HYPOTHERMIA, effects,
on EEG in terminal anoxic cond., review (Cx))
(ANOXIA, experimental,
EEG in terminal anoxic cond., eff. of hypothermia, review (Cx))

VOTOVA, Z.; BENESOVA, O.; MINTISOVA, J.

Potentiation of thiopental by certain phenothiazine derivatives. Cesk. fysiol. 7 no.3:258-259 May 58.

I. Vyzkumný ustanov pro farmacii biochemii, Praha, Farmakologicky ustanov lekarske fakulty hygienicke, Praha.

(PHENOTHAZINE, related compounds,

potentiation of thiopental in animals (Cz))

(THIOPENTAL, effects,

potentiation by phenothiazine deriv. (Cz))

~~BENDSOVÁ~~

Effect of glucose on the depth and duration of thiopental. Česk. fysiol.
7 no.3:259-260 May 58.

1. Lekarska fakulta hygienicka, obor farmakologie, Praha.
(GLUCOSE, eff.
on thiopental anesth. depth & duration (Cs))
(THIOPENTAL, anesth. & analgesia,
eff. of glucose on duration & depth (Cs))

BENESCOVÁ, O

"2d scientific conference of the Faculty of Medical Hygiene."

CESKOSLOVENSKA FYSIOLOGIE, Praha, Czechoslovakia, Vol. 7, no. 4, July 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclassified

BENESOVA, O.

Effect of ATP on thiopental anesthesia. Česk. fysiol. 8 no.3:171-172
Apr 59.

1. Farmakologicky ustav lek. fak. hygienicke, Praha. Predneseno na III.
fysiologickych dnech v Brne dne 14. 1. 1959.

(THIOPENTAL, anesth. & analgesia,

eff. of ATP in rats (Rus))

(ADENYL PYROPHOSPHATE, eff.
on thiopental anesth. in rats (Rus))

BENESOVA, O.

A method for the determination of motor threshold in rabbits with
implanted epidural electrodes. Cesk. fysiol. 8 no.6:538-541 N '59.

1. Farmakologicky ustav Lek. fak. hygienické, Praha.
(BRAIN, physiol.)
(NARCOTICS, pharmacol.)

BENESOVA, O.; BOHDANECKY, Z.; VOTAVA, Z.

Comparative studies on the effect of Imipramine and Propazepine by
electrophysiological methods on animals with implanted electrodes.
Activ. nerv. sup. 4 no.2:215-216 '62.

1. Farmakologicky ustav LFPI KU a Vyskumnny ustav pro farmacii a biochemii,
Praha.

(IMIPRAMINE pharmacol) (IMIPRAMINE rel cpds)
(BRAIN pharmacol)

BOHDANECKY, Z.; BENESOVA, O.

Effect of some derivatives of Amitriptylin on the EEG behavior in rabbits. Activ. nerv. sup. 4 no.2:216 '62.

1. Vyskumný ustav pro farmacii a biochemii, Praha a Farmakologicky ustav lekarske fakulty hygienické, Praha.

(ANTIDEPRESSIVE AGENTS pharmacol) (ELECTROENCEPHALOGRAPHY)

CZECHOSLOVAKIA

O. BENEKOVA, Department of Pharmacology, Faculty of Medical Hygiene,
Prague [Original version not given]

"Effect of d- and L-Phenmetrazine on Self-Stimulation in Rats."

Prague, Activitas Nervosa Superior, Vol 3, No 1, Jan 63; pp 1-3.

Abstract [English article]: The dextro-isomer increased self-stimulation rate by 33%, the levo- by 20% in rats with electrodes implanted in the posterior hypothalamus. Results significant statistically, $p = 0.05$.

Graph, 17 US references.

1/1

CZECHOSLOVAKIA

O. BENESOVA and Z. BOHDANECKY, Pharmacy and Biochemistry Research Institute and Department of Pharmacology of Faculty of Medical Hygiene (Farmakologicky ustav lekarske fakulty hygienicke) Charles University, Prague.

"Separating Ataractic and Antidepressant Drug Effects by Electrophysiologic Test Methods in Animals."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; p 173.

Abstract: Study of parenteral amitriptyline, prothiadene, imipramine, chlorproheptadine, propazepine, nialamide, chlorpromazine, reserpine, levomepromazine, chlorprothixene and methylene blue on EEG effect of 0.1 mg./Kg. physostigmine i.v. in rabbits with imbedded electrodes. Ataractic drugs potentiated, antidepressant ones antagonized effect.

1/1

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[CZECHOSLOVAKIA]

M. SOUSKOVA and O. BENESOVA, Experimental Therapy Research Institute (Vyzkumny ustav experimentalni terapie) and Department of Pharmacology of Faculty of Medical Hygiene of Charles University (Farmakologicky ustav lekarske fakulty hygienicke Karlove University,) Prague.

"Affecting Rats' Orientation Reaction with Imipramine, Chlorpromazine and phenmetrazine."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 177.

Abstract : Above 3 drugs and physostigmine to 2 groups of mice, (i.e. 2 X 4 groups each of 8 or 9 mice) the 2 selected as most and least excitable from large colony. Very definite statistically significant differences in reactivity, e.g. 2 mg./Kg. imipramine increased the orienting activity of calm, all activity of excitable mice; physostigmine 0.5 mg./Kg. depressed orienting in calm, all activity in excitable. Authors previously reported that physostigmine CNS effect is antagonized by antidepressants, potentiated by ataractics.

[1/1]

14

BENES, V.; BENESOVA, O.

The effect of noise on the urinary excretion of catecholamines
and 5-hydroxy-indolacetic acid in rats with different central
nervous excitability. Activ. nerv. sup. 6 no.1:54-55 '64.

*

VOTAVA, Z.; BENESOVA, O.; BOHDANECKY, Z.; METYS, J.; METYSOVA, J.

New concept of the anticholinergic mechanism of the action of
antidepressant thymoleptic drugs. Postepy hig. med. dosv. 18
no.6r925-944 N-D '64

1. Department of Pharmacology, Medical Faculty of Hygiene, Charles
University and Research Institute of Pharmacy and Biochemistry,
Prague.

ACT NUMBER:	00000000000000000000000000000000	SEARCHED	INDEXED
AUTHOR:	00000000000000000000000000000000	FILED	CIA/0077/670001
ORGANIZATION:	00000000000000000000000000000000	SEARCHED	INDEXED
TYPE:	00000000000000000000000000000000	SEARCHED	INDEXED
SUBJECT:	00000000000000000000000000000000	SEARCHED	INDEXED
MODIFIED BY:	00000000000000000000000000000000	SEARCHED	INDEXED
FILED DATE:	00000000000000000000000000000000	SEARCHED	INDEXED
FILED BY:	00000000000000000000000000000000	SEARCHED	INDEXED
SOURCE:	Activists now want to ban topic tags: drug effects	SEARCHED	INDEXED
ABSTRACT:	Pivotal role in the function of cholinesterase is a long-lasting effect. Planted codeine was detected in urine within 10-20 min. Took longer to clear and this provided time to run 2 tests to compare correlation records. prior to the initiation of the test, or SUB CODE: 0637 SUBCODE: 00000000000000000000000000000000	SEARCHED	INDEXED
CONT'D:	00000000000000000000000000000000	SEARCHED	INDEXED

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

REF ID: A6500	10/05/85	10/05/85	10/05/85
AUTOMATION	0	0	0
OSD	2001-03-13	1985-10-05	1985-10-05
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REF ID: A6500	10/05/85	10/05/85	10/05/85
REF ID: A6500	10/05/85	10/05/85	10/05/85
SOURCE: Classification	CONFIDENTIAL	CONFIDENTIAL	CONFIDENTIAL
TO/TD TAGS:	CONFIDENTIAL	CONFIDENTIAL	CONFIDENTIAL
REF ID: A6500	10/05/85	10/05/85	10/05/85
SUB CODE: 00 / CONFIDENTIAL	00	00	00
00	00	00	00
CONFIDENTIAL	CONFIDENTIAL	CONFIDENTIAL	CONFIDENTIAL

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

L 29473-66

ACC NR: AP6019978

SOURCE CODE: CZ/0079/65/007/003/0263/0263

AUTHOR: Simane, Z. (Prague); Kunz, K.; Benesova, O.

35
B

ORG: Institute of Pharmacology, Medical School of Hygiene, Prague

TITLE: Levels of pyruvic and alpha-keto-glutaric acid in the brain of rats with different central nervous excitability. This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965.

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 263.

TOPIC TAGS: brain, biochemistry, rat, central nervous system, neurophysiology

ABSTRACT: Two groups of rats were investigated; the difference between the two groups was based on the intensity of exploratory activity. The levels of pyruvic and alpha-keto-glutaric acids in the brain were 2-3 times higher in the more active group. Orig. art. has: 1 figure. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 FV

L 29516-66

ACC NR: AP6019998

SOURCE CODE: CZ/0079/65/007/003/0285/0286

AUTHOR: Benesova, O. (Prague); Votava, Z.

ORG: none

TITLE: Comparative study of hydrothiadene and its desmethyl derivative (norhydrothiadene). III. Effect on the toxicity of phenmetrazine, physostigmine, and nicotine in mice [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965.]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 285-286

TOPIC TAGS: mouse, pharmacology, toxicology

ABSTRACT: Hydrothiadene decreases significantly the toxicity of physostigmine and nicotine, but does not change the toxicity of phenmetrazine; we can therefore predict a thymoleptic character of its action. Norhydrothiadene decreases only the toxicity of nicotine; therefore the character of its action cannot be predicted. Orig. art. has: 1 figure. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 004

Card 1/1 JS

CZECHOSLOVAKIA

BENESOVA, O.; BOHDANECKY, Z.; Affiliation not given 7.

"Electrophysiological Studies of the Effects of Perathiepin in Rabbits."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 390 - 392

Abstract: Neither chlorpromazine nor perathiepin changes the duration of the physostigmine arousal, but both shorten the nicotine arousal. They also significantly reduce the phenmetrazine arousal. Both decrease the toxicity of phenmetrazine, slightly reduce that of nicotine, and do not affect that of physostigmine. Both have a strong antiadrenergic activity. 2 Figures, 4 Czech references. Submitted at the 8th Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in English.

1/1

TM - SD

L 05110-62 RO

ACC NR: AP6032385

SOURCE CODE: CZ/0053/66/015/005/0417/0417

19

B

AUTHOR: Benesova, O.; Bohdanecky, Z.; Votava, Z.

ORG: Department of Pharmacology of the Medical Faculty for Hygiene, Prague
(Farmakologicky ustav Lekarske fakulty hygienicke)

TITLE: Influence of atropine, scopolamine, and benactizyn on the action of cholinesterase inhibitors

SOURCE: Ceskoslovenska fysiologie, v. 15, no. 5, 1966, 417

TOPIC TAGS: drug effect, toxicology, pharmacology, atropine, scopolamine, benactizyne

ABSTRACT: The influence of atropine, scopolamine, and benactizyn on the action of two cholinesterase inhibitors physostigmine and paraoxon (diethylparanitrophenyl phosphate) was examined. Scopolamine was found the most effective antagonist with respect to CNS effect. Investigation of the general effects has shown that the physostigmine toxicity is reduced more effectively by scopolamine and benactizyne, and less effectively by atropine. The reducing effect of all three drugs on the

Card 1/2

L 05110-67

ACC NR: AP8032385

O

toxicity of paraoxon is identical. A graph of cholinesterase reactions prior to
and following application of the cholinolytics is presented in the source. Orig. art.
has: 1 figure. [W.A.SO] [KP]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 002 /

Card 2/2 vmb

HENESOVA, Eva; PICHA, Frantisek

Sedimentation area of the Paleocene Flysch layers. Prace Ust naft
20:45-46 '63.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

BENESOVA, Eva

Microbiostatigraphic evaluation of the Vlachy-1 key borehole.
Prace Ust naft 20:49-57 '63.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

COUNTRY	: CZECHOSLOVAKIA
CATEGORY	: Chemical Technology. Chemical Products and Their Uses. part 3. Synthetic and Natural ^H
ABS. JOUR.	: RZKhim., No. 1 1960, No. 2148
AUTHOR	: Zahradnick, H.; Sokerkova, D.; Benesova, S.
INST.	:
TITLE	: Use of Mixed Indicators in Analysis of Medicinal Preparations. I. Quantitative Determination of Sodium Bicarbonate
CRIG. PUB.	: Coskosl. farmac., 1958, 7, No 8, 438-440
ABSTRACT	: A comparison of the quantitative determination of NaHCO ₃ , using methyl orange, with determination in the presence of modified mixed indicators, namely, dimethyl yellow - methylene blue and methyl orange - indigo carmine, was carried out. The advantage of the above-named mixed
	*Medicinal Substances. Galenicals and Medicinal Forms

CARD:

1/2

H-58

COUNTRY :	H
CATEGORY :	
ANS. JOUR. :	RZhkhim., No. 1 1960, No. 2148
NUMBER :	
PAGE :	
NAME :	
ORIG. PUB. :	
ABSTRACT POINTED	Indicators is the precision of the transition of color which produces more accurate results. As compared with the method of the Czechoslovakian Pharmacopeia 2, the proposed method is more convenient for determining NaHCO ₃ in small weighed portions, using more diluted solutions and a mixture of methyl orange - indigo carmine as catalysts.-- From authors' summary
REFD:	2/2

HENESEVA, V.

Plant substances. Part 20: Constituents of the *Heracleum dissectum* L.root. Coll Cs Chem. 27 no.11:2714-2716 N '62.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1

BENESOVA-TALANDOVA, Marie, inz. CSc.

Contribution to the mineralogical determination of ore components
in ground dressing products. Rudy 12 no.5:Suppl.:Prace vyzkumných
ustavu no.2;9-12 My '64.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

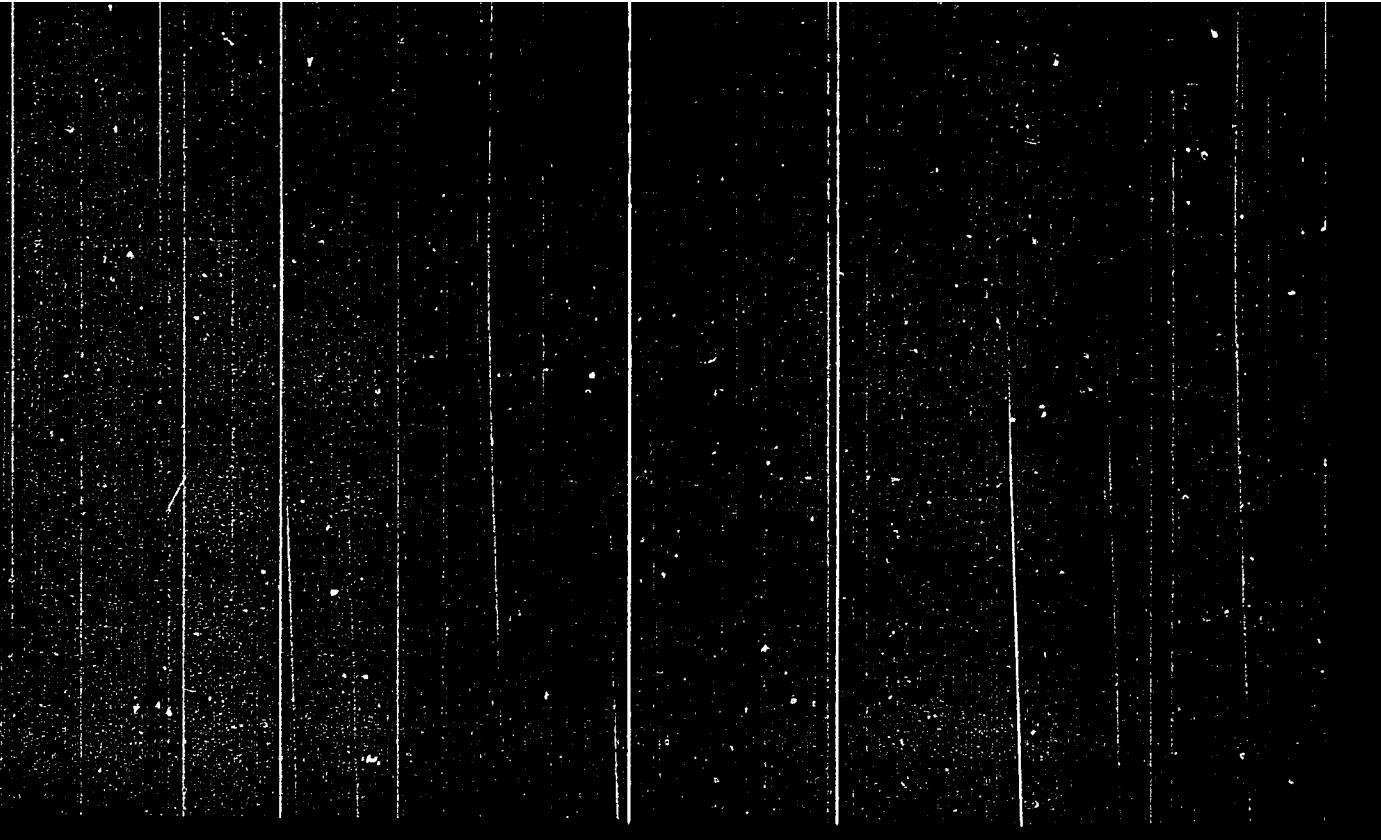
HEROUT, V.; BENESOVA, V.; PLIVA, J.

On terpenes. Part 4:1. The sesquiterpenes of ginger oil [with summary in English]. Sbor.Czech.khim.rab. 18 no.2:248-256 Ap '53. (MLRA 7:6)

1. Central Chemical Research Institute, Prague.
(Sesquiterpenes) (Gingerol)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1



APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200010016-1"

SOMM, F.; BENESEVA, V.; HEROUT, V.

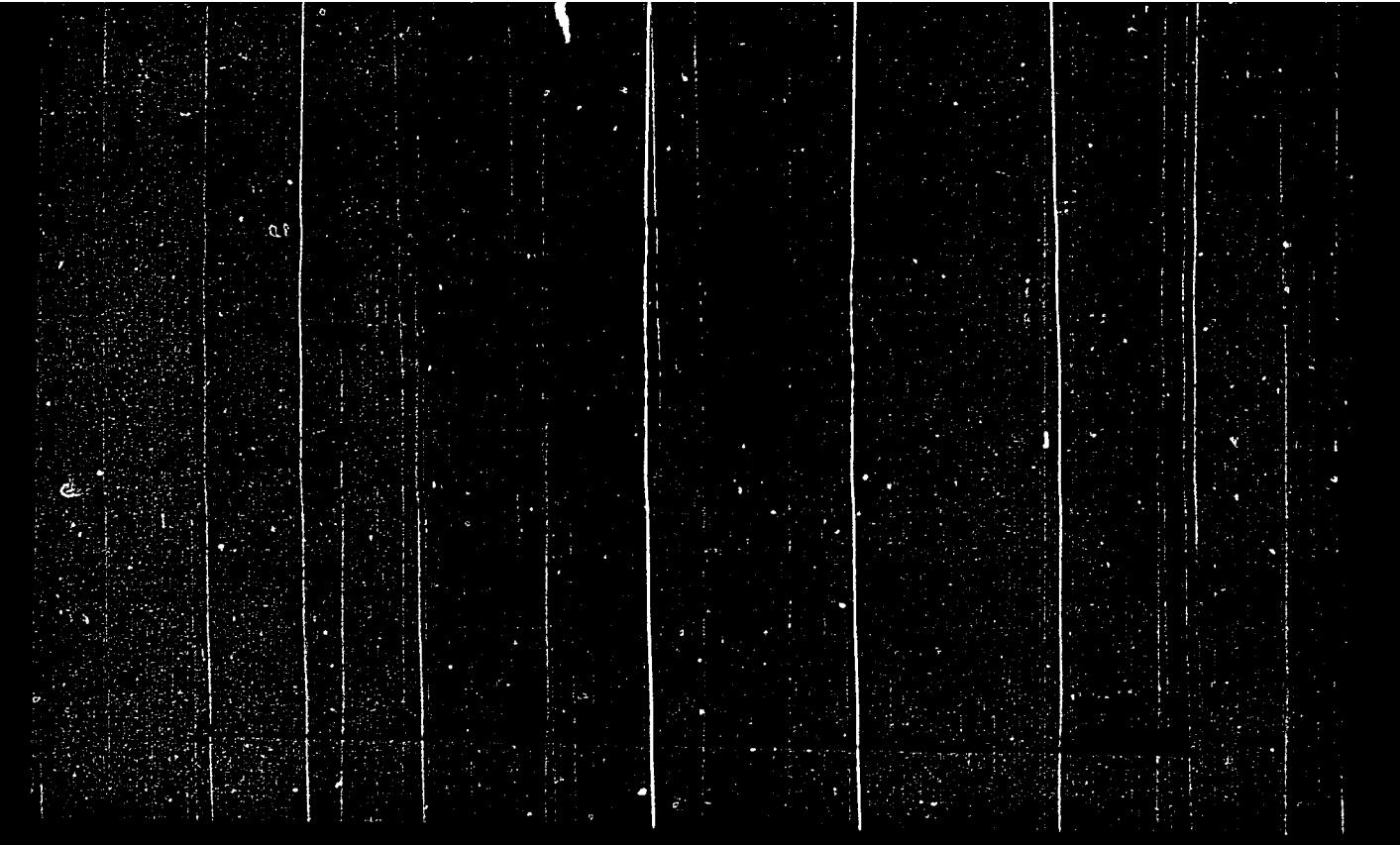
On terpenes. Part 54. Structure of lactarastilene and lactaroviolines
[in German with summary in Russian]. *Obz.Chekh.khim.rab.* 19 no.2:
357-364 Ap '54. (MLRA 716)

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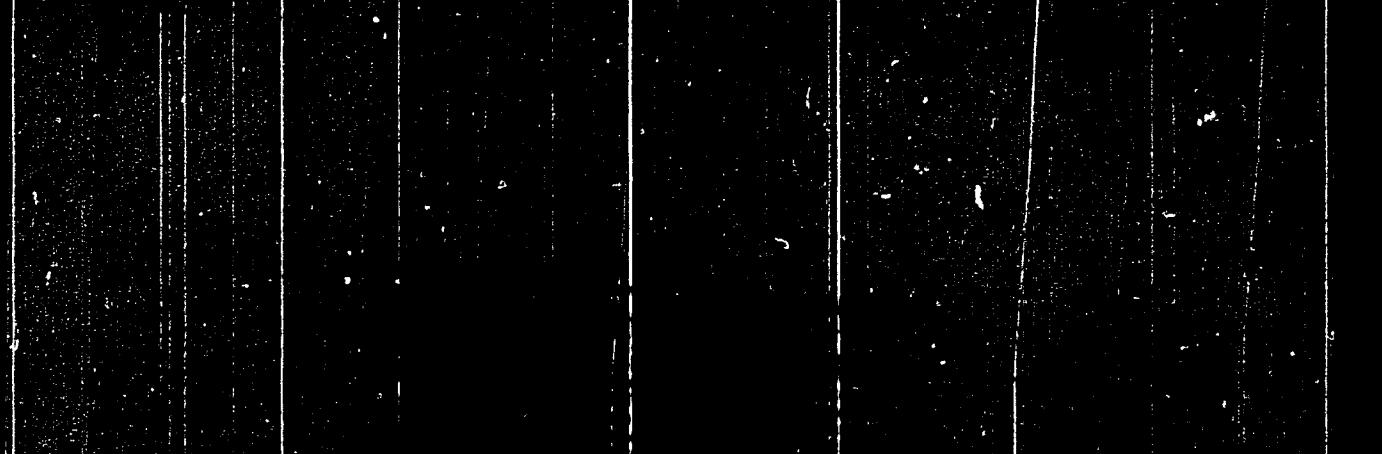


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Source:

Prague, Collection of Czechoslovak Chemical Communications,
Vol 26, No 11, November 1961, pp 2916-2920

Data:
"On Plant Substances. XIII. Neutral Substances
From *Telekia speciosa* (Schreb) Baumg."

Authors:

Z/009/61/000/002/002/008
E112/E453

AUTHORS: Grubner, O. and Benešová, V.

TITLE: Apparatus for Determining Surface Areas of Powdered Substances From Gas Absorption Data

PERIODICAL: Chemický průmysl, 1961, No.2, pp.71-73

TEXT: Calculating surface areas from absorption data depends on the correct interpretation of absorption isotherms. To determine the volume (V_m) of a unimolecular layer on an absorbent with accuracy presents difficulties. It is equally difficult to measure exactly the surface areas of the absorbed molecules. The surface areas of the latter are generally calculated by using nitrogen as standard and by comparing their absorption with that of nitrogen. Results will, however, be affected by the surface characteristics of the absorbent, such as unevennesses, micro-capillary structure and geometrical form. The authors have constructed apparatus for the determination of surface areas of powdered substances by means of gas absorption, the arrangement of which is shown. It consists of: mercury reservoir (ZR), gas buret (PB), manometer (FM), with calibrating scale (m), manometer calibrations (z_1, z_2, z_3, z_4, z_5), sample container (V), thermostat (T)

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vacuum and gas-delivery tubes and gas reservoir. The dimensions of the apparatus permitted measuring surface areas greater than 0.5 m². Argon was used as adsorbate. In order to determine the accuracy of the apparatus, the authors have attempted to analyse the different sources of errors which may affect the results and have taken as basis the Brunauer, Emmet and Teller equation for the volume of nitrogen, required to complete a unimolecular layer:

$$v_m = \frac{v_a(p_s - p_i)}{p_i} \left[\frac{1}{c} + \frac{(c-1)p_i}{c p_s} \right] \quad (1)$$

where v_m = volume of unimolecular layer of adsorbed gas
 p_s = saturation pressure of the adsorbate
 p_i = measured pressure of gas
 c = constant
 v_a = measured volume of adsorbed gas.

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Z/009/61/000/002/002/008
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The accuracy of the measurements can be fundamentally affected by:
1. impurities of apparatus and substances; 2. errors in calibration of volume V_b of the gas buret; 3. inaccuracy in measuring volume V_{mb} outside the buret area; 4. inaccuracy in measuring the free volume V_d of the sample; 5. inaccurate determinations of initial gas pressure P_o , saturation pressure P_s and measured pressure P_i ; 6. insufficient control of thermostat. The authors have investigated how the different elements of error affect results and have taken as model substance the measuring of the surface area of a nickel catalyst, which amounted to $14 \text{ m}^2/\text{g}$ and where the other values were as follows:
 $P_o = 6.55 \text{ cm Hg}$; $P_i = 3.27 \text{ cm Hg}$; $P_s = 20.44 \text{ cm Hg}$.
 $V_o = 72.54 \text{ cm}^3$; $V_{mb} = 3.6 \text{ cm}^3$; $V_d = 16.8 \text{ cm}^3$; $V_b = 17.7 \text{ cm}^3$ and $c = 42$. The changes in value of v_m (unimolecular layer) obtained for a relative change of 1% in the measured values P_o , P_i , P_s , V_b , V_{mb} , V_d were as follows:

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